



1998-99 CATS ASSESSMENT

Open-Response Item Scoring Sheet

Grade 5—Practical Living

The **academic expectation** addressed by “Sally’s Bike Ride” is

2.31 Students demonstrate the knowledge and skills they need to remain physically healthy and to accept responsibility for their own physical well-being.

The **core content** assessed by this item is

- Safe traffic/transportation practices (e.g., crossing street; wearing protective gear when rollerblading, skateboarding, bicycling)

Sally’s Bike Ride

Sally is going on a bike ride this weekend. Some of the trip will include riding on the street.

- a. List FOUR safety precautions that Sally should take when riding on the street.
- b. Explain why each precaution you list is important.



SCORING GUIDE

Grade 5 Practical Living

Score	Description
4	Student lists 4 safety precautions and gives clear explanation for each.
3	Student lists 3 safety precautions and gives clear explanation for each. OR Student lists 4 safety precautions and gives 2 or 3 explanations.
2	Student lists 2 safety precautions and gives clear explanation for each. OR Student lists 3 safety precautions with 2 or 3 explanations or 1 clear explanation. OR Student lists 4 safety precautions with 1 or no explanation.
1	Student lists 2 or 3 safety precautions with limited or no explanation. OR Student lists 1 safety precaution with or without explanation.
0	Response is totally incorrect or irrelevant.
Blank	No response.

Examples of precautions:

- wear a helmet
- use knee, elbow, and/or wrist pads
- make sure shoes are tied, roll up left pant leg
- look both ways or stop and walk the bike across intersections/crosswalks
- ride **with** traffic
- obey traffic signs, signals, and/or laws
- watch for pedestrians
- stay to the right of the road, rather than in the middle
- signal with arm when turning
- do not ride at night, use reflectors when riding at night
- carry water
- ride in a group
- stay alert, watch for obstacles
- do not get in a car with someone you do not know

Examples of explanations:

- so if she falls she won't hurt her head
- so that the cars will see her and stop

NOTE: "so car won't hit you" can be counted only once for an explanation. For example, "Look both ways so you don't get hit and watch for stop signs so you don't get hit" counts as 2 precautions and 1 explanation. Further explanation is needed for one or both of the safety precautions if the explanations are to be counted separately. For example, "Watch for stop signs because if you don't stop, a car will hit you."



ANNOTATED STUDENT RESPONSE

Grade 5 Practical Living

Sample 4-Point Response of Student Work

Student Response

A. Sally is going on a bike ride. Some of the trip will include riding on the road. One safety precaution she should use is a helmet. Another safety precaution she should use is to signal whenever she is turning. Another safety precaution she should use is to have reflectors on her bike. One more safety precaution she should use is to make sure her shoes are tied at all times.

B. The reason that wearing a helmet is safe is because if she has a wreck and her head hits a car, it will not be as seriously damaged as her head will be if she is not wearing a helmet. The reason using a signal is important is because if she doesn't use it when she is turning, a car might hit her. The reason that having reflectors is important is because when it is late at night, a car's lights will reflect off of her bike and see her. If she doesn't have them she might get run over. The reason having her shoes tied is important is because if they are not tied, they could get stuck in the wheel and she will have a wreck on the road.

Student lists four safety precautions to take when riding a bike (i.e., wear a helmet, signal when turning, use reflectors, and make sure shoes are tied).

Student clearly explains why it is important to wear a helmet when biking.

Student clearly explains why it is important to use hand signals when turning on a bike.

Student clearly explains why it is important to have reflectors on a bike.

Student clearly explains why it is important to make sure shoes are tied when riding a bike.

Overall, the response demonstrates a solid understanding of safety precautions to take when riding a bike on the street by listing four safety precautions and giving a clear explanation for why each is important.



ANNOTATED STUDENT RESPONSE

Grade 5 Practical Living

Sample 4-Point Response of Student Work

Student Response

Student lists a first safety precaution (i.e., wear bright clothes) and clearly explains why it is important.

Student lists a second safety precaution (i.e., wear a helmet) and clearly explains why it is important.

I will explain four rules Sally should follow while riding on the street.

Four safety rules are: One, always wear bright clothes so the cars can see you. My second rule is to wear a bike helmet so that in case you crash you do not hurt your head. My third rule is to use your arms as turn signals so cars know which way you are turning. My fourth and final rule is to look behind you before you turn so you do not get hit.

Student lists a third safety precaution (i.e., use your arms as turn signals) and clearly explains why it is important.

Student lists a fourth safety precaution (i.e., look behind you before you turn) and clearly explains why it is important.

Overall, the response demonstrates a solid understanding of safety precautions to take when riding a bike on the street by listing four safety precautions and giving a clear explanation for why each is important.



ANNOTATED STUDENT RESPONSE

Grade 5 Practical Living

Sample 3-Point Response of Student Work

Student Response

A. I will list four safty percautions that Sally should take when riding on the street and explain why each is important. One percaution is wearing bright clothes. For example, cars can see you when your wearing bright clothes and you won't get hit. Another percaution is hand signals. For example, if your turning and you see hand signals then the car will slow down because they see your hands. Also, a percaution is, ridding against traffic. For example, if your ridding against traffic then cars will see you better and won't hit you. Also, another percaution is wearing reflectors. If your bike has reflectors then at night people will see the reflector and see that your there.

B. These percautions are important because you won't get killed if you use them. I have listed four safty percautions that Sally should take when ridding on the street and explained why each percaution you list is important.

Student lists one safety precaution (i.e., wear bright clothes) and clearly explains why it is important.

Student lists a second safety precaution (i.e., use hand signals) and clearly explains why it is important.

Student attempts to list a safety precaution, but it is incorrect. Bikers should ride with traffic, not against it. No credit was given for this attempt.

Student lists a third safety precaution (i.e., having reflectors on your bike) and clearly explains why it is important.

Student summarizes the importance of the safety precautions listed and explained in part A.

Overall, the response demonstrates a satisfactory understanding of safety precautions to take when riding a bike on the street by listing three correct safety precautions and giving a clear explanation for why each is important.



ANNOTATED STUDENT RESPONSE

Grade 5 Practical Living

Sample 2-Point Response of Student Work

Student Response

My 4 are to look booth wats, war a halmel, do hadne senls, and go slow.

B. They will help you live longer and bater.

← Student lists four safety precautions (i.e., look both ways, wear a helmet, use hand signals, and go slow).

← Student gives one explanation for why the safety precautions are important.

Overall, the response demonstrates some understanding of safety precautions to take when riding a bike on the street, though major details are omitted.

Sample 1-Point Response of Student Work

Student Response

(a) She would need a headprorotcher, knee pads.

(b) So you will not hurt yourself.

← Student lists two safety precautions (i.e., wear a head protector and wear knee pads).

← Student gives a limited explanation for why the safety precautions are important.

Overall, the response demonstrates minimal understanding of safety precautions to take when riding a bike on the street.



INSTRUCTIONAL STRATEGIES

Grade 5 Practical Living

The open-response item **“Sally’s Bike Ride”** assesses students’ knowledge of safety rules that apply to bike riding on the street. The instructional strategies below present ideas for helping students explore and master this knowledge.

Invite a representative from a local bike shop to the classroom to discuss the importance of wearing a helmet when riding a bike. The speaker can demonstrate how to choose a helmet that is the right size and how to wear a helmet properly.

Invite one or more representatives from a local police department to the classroom to discuss laws and safety precautions related to riding a bike on the street.

Host a “Bike Safety Day” where students bring their bikes to school to demonstrate safety precautions to take when riding on the street (e.g., wearing a helmet, using hand signals, riding with traffic, riding on the right side of the road).

Have students work individually, in pairs, in small groups, and/or as a class to complete any or all of the following activities:

- Use a variety of resources (e.g., the Internet, interviews with police officials, books, brochures) to conduct research on safety precautions to take when riding a bike on the street.
- Design and illustrate a series of pamphlets about bike safety. Distribute the pamphlets to other students at school. Give a supply of the pamphlets to a local bike shop to pass out to customers.
- Create a series of posters that describe and illustrate different safety precautions to take when riding a bike. Hang the posters around the classroom and school.
- Develop and perform skits about bike safety precautions. Emphasize the importance of following the precautions when riding a bike.